



1 / 1

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-250042

(43)Date of publication of application : 07.11.1986

(51)Int.Cl.

C08L 21/00  
C08K 3/04  
C08K 9/04

(21)Application number : 60-092575

(71)Applicant : BRIDGESTONE CORP

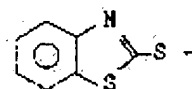
(22)Date of filing : 30.04.1985

(72)Inventor : SATO SUSUMU

## (54) RUBBER COMPOSITION WITH HIGH WEAR RESISTANCE

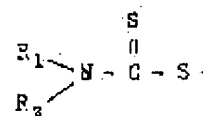
## (57)Abstract:

PURPOSE: To obtain the titled composition suitable for, especially, tread rubber for large-sized tires, by incorporating a rubber with carbon black heat-treated with a surface-treating agent constituted by curing accelerator capable of promoting crosslinking of the blended rubber



I

CONSTITUTION: The objective composition can be obtained by incorporating (A) 100pts.wt. of at least one kind of rubber including natural rubber and diene- based synthetic rubber with (B) 10W100pts.wt. of surface-treated carbon black prepared by incorporating carbon



II

black in (i) an organic solvent solution of a curing accelerator capable of promoting crosslinking of the blended rubber, e.g., of thiazole-, sulfenamide-, thiuram-

base, pref. one having mercaptobenzothiazole group or thiuram group of formula I or II (R1 and R2 are each alkyl or phenyl), respectively, in such a weight ratio as to be 0.1W5 of said accelerator per 100 of the carbon black, followed by stirring, drying under reduced pressure, then treatment on heating.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office